| Login Username | NHPUC 29JUN 16an 11:59 |
|--|-----------------------------------|
| | |
| Login Email | |
| | |
| NH Public Utilities Commission | |
| REC Aggregator Portal | |
| New Users CLICK HERE to setup your account for this for you to partially complete the form and return later to finish it is submitted. Be sure to create your account BEFORE enter the information will be lost. | or to make changes after the form |
| Existing Users CLICK HERE | |
| Basic Information | |
| Aggregator Batch Number | |
| KE062316 | |
| Aggregator name | |
| Knollwood Energy | |
| Facility Owner Name | |
| Harry Gazelle | |
| Facility Address | |
| 125 Burkehaven Hill Rd | |
| Facility Town/City | |
| Sunapee | |
| Facility State | |
| NH | |
| Facility Zip | |
| 03782 | |
| Mailing Zip | |
| | |

| Primary Contact |
|---------------------------------------|
| Karen Tenneson |
| Facility Information |
| Class |
| |
| Utility |
| Eversource |
| Other Utility Name |
| |
| To obtain a GIS ID contact: |
| James Webb |
| 408 517 2174 |
| jwebb@apx.com |
| GIS ID (include "NON") |
| NON85447 |
| Date of Initial Operation |
| 11/25/2015 |
| Facility Operator Name, if applicable |
| |
| Panel Make #1 |
| Hyundai |
| Panel Model |
| Other |
| Panel Quantity |
| 60 |
| Panel Rated Output |
| 280 |
| Other panel make |
| |

| Other panel model |
|---------------------------------|
| |
| More Panel types? |
| No Yes |
| Panel Make #2 |
| |
| Panel Model |
| Panel Quantity |
| |
| Panel Rated Output |
| |
| More Panel types? No Yes |
| Panel Make #3 |
| |
| Panel Model |
| Panel Quantity |
| |
| Panel Rated Output |
| |
| System capacity based on panels |
| 16800 |
| Inverter Make |
| Enphase Energy |
| Other inverter make |
| |

| Inverter Quantity |
|---|
| 60 |
| Add'l Inverter Quantity |
| NA |
| Additional Inverter Make |
| None |
| Rated Output - Primary Inverter |
| 250 |
| Rated Output - Additional Inverter |
| |
| System capacity based on single inverter make |
| 15000 |
| System capacity based on two inverter types |
| |
| System capacity in kW as stated on the interconnection agreement |
| 15.0 |
| Revenue Grade Meter Make |
| Revenue Grade Meter Make |
| |
| Revenue Grade GIS Approved Meter |
| ABB |
| Other revenue-grade GIS-approved meter |
| |
| Was this facility installed directly by the customer (no electrician involved)? |
| O Yes No |
| Electrician Name & Number |
| Other |
| Other Electrician Name & Number |
| Bill Brown 11345M |

,

| Installation Company |
|---|
| OnPoint Energy Solutions |
| Other Installation Company Name |
| |
| Other Inst. Company Address |
| |
| Other Inst. Company City |
| |
| Other Inst. Company State |
| |
| Other Inst. Company Zip |
| |
| Equipment Vendor Company Name |
| |
| Independent Monitor Name & Company |
| Paul Button - Energy Audits Unlimited |
| Other Monitor Name and Company |
| |
| Is the installer also the equipment supplier? |
| O Yes |
| ● No |
| Equipment Vendor |
| New England Solar Concepts |
| Please attach your completed interconnection agreement including Exhibit B. |
| https://fs30.formsite.com/jan1947/files/f-5-99-7075910_e4rDjvFz_Gazelle_COC.pdf |
| The project described in this application will most the metaring requirements of RUC 2506 |

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-168-7075910_eW9iYCpm_Gazelle_NHOS.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-7075910_nJEsnUuo_Gazelle_SPIA.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.

Ka Jo

Print Name

Karen Tonnesen

Date Signed

06/23/2016

Eversource

Interconnection Standards For Inverters Sized Up To 100 kVA

Exhibit B - Certificate of Completion for Simplified Process Interconnections

| Installation Information: Check if owner-inst | alled |
|---|--|
| Customer or Company Name (print): DONNA + | 1ADRY GAZELLE |
| Contact Person, if Company: | |
| Mailing Address: 126 BURKEHAUEN | HILL 12D |
| City: SUNA PEE Sta | te: NH Zip Code: 03782 |
| Telephone (Daytime): <u>603-763-2293</u> (Evo | ening): 603 - 763 - 2293 |
| Facsimile Number: E-M | lail Address: SUNSTORM 3 @ COMEASTONET |
| Facility Information: -> | Eversource Meter # 51724/666 71 |
| Address of Facility (if different from above): | |
| City:Stat | e: Zip Code: |
| Electrical Contractor Contact Information: | \ \ |
| Electrical Contractor's Name (if appropriate):ON POI A | TENERRY SOLUTIONS (BILL BROWN) |
| Mailing Address: 70 MORSE LA | |
| City: New BULL Sta | te: NH Zip Code: 03255 |
| Telephone (Daytime): 603-545-5220 (Eve | ening): |
| Facsimile Number: E-N | lail Address: |
| License number: | |
| Date of approval to install Facility granted by the Company: | 10/29/15 |
| Eversource Application ID number: #N 4472 | _ |
| Inspection: | |
| The system has been installed and inspected in compliance v | |
| City: SUNAPEE Cou | nty: SUCH VA, J |
| Signed (Local Electrical Wiring Inspector, or attach signed e | electrical inspection): |
| Signature: M | |
| Name (printed): William Brown | Date: 11.25-2015 |
| Customer Certification: | |
| I hereby certify that, to the best of my knowledge, all inform Completion is true and correct. This system has been install standards. Also, the initial start-up test required by Puc. 905 | ed and shall be operated in compliance with applicable |
| Please remember to provide digital photos of the installa required), the existing Eversource meter, the inverters, a | nd the point of electrical interconnection. |
| Customer Signature: | 12.1-15 |
| As a condition of interconnection you are required to send/fa | |
| Distributed C | |

Distributed Generation
780 North Commercial Street
P. O. Box 330, Manchester, NH 03105-0330

Fax No.: (603) 634-2924

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

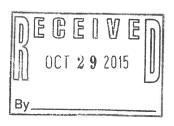
The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Printed Name of signature owner

Signature of system owner



EVERSOURCE INTERCONNECTION STANDARDS FOR INVERTERS SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

| Eversource Application Project ID#: N 4472 |
|--|
| Contact Information: Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate) Customer or Company Name (print): |
| Customer or Company Name (print): DOWNA + HARRY GRZELLE Contact Person, if Company: Mailing Address: 126 BUSKEHAVEN HILL BO. |
| City: Zip Code: 03782 |
| Telephone (Daytime): 603-763-2293 (Evening): 603-763-2293 Facsimile Number: E-Mail Address: SUAStorm 360 concest.net |
| Alternative Contact Information (e.g., System installation contractor or coordinating company, if appropriate): Name: NEW ENGLAND SOLAR CONCEPTS CONTACT: MINE NANGERONI |
| Mailing Address: 475 SUNAPEE ST. |
| City: SUNAPEE State: NH 7in Code: 03787 |
| Telephone (Daytime): $603 - 363 - 752$ (Evening): |
| Telephone (Daytime): 603-863-752 (Evening): Facsimile Number: 603-863-7300 E-Mail Address: mike@newengland solar Coscepts.com |
| Electrical Contractor Contact Information (if appropriate): Name: ONFOINT ENERGY SOLUTIONS CONTACT! BILL BROWN |
| Mailing Address: 70 Moase W. |
| City: NEWBURY State: NH Zip Code: 03255 |
| Telephone (Daytime): 603-545-5220 (Evening): |
| Facsimile Number: E-Mail Address: |
| Facility Site Information: Facility (Site) Address: 125 BURKEHAVEN HILL GO. |
| City: SUNAPEE State: NH Zip Code: 03782 |
| Electric State: NH Zip Code: 23 782 State: 25 782 State: 2 |
| Service Company: Eversource Account Number: 56072311012 Meter Number: 87025607 LOLD) |
| Account and Meter Number: Please consult an actual Eversource electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the Eversource Work Request number. |
| Eversource Work Request # |
| Non-Default' Service Customers Only: Competitive Electric |
| Energy Supply Company: Account Number: |
| (Customer's with a Competitive Energy Supply Company should verify the Terms & Conditions of their contract with their Energy Supply Company.) |

EVERSOURCE INTERCONNECTION STANDARDS FOR INVERTERS SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

| | Facility Machine Information: | | | | | |
|---|--|--|--|--|--|--|
| | Generator/ HYUNDAF / Model Name & HIS - S280 RG- / GO | | | | | |
| | Inverter Manufacturer: <u>ENPHASE</u> Number: <u>Maso-60-all-522</u> Quantity: <u>60</u> | | | | | |
| | Generator/ HYUNDAF Model Name & H15 - 5 2 80 RG GO | | | | | |
| | Nameplate Rating: The AC Nameplate rating of the individual inverter. | | | | | |
| | System Design Capacity: | | | | | |
| | System Design Capacity: The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the | | | | | |
| | sum of the AC nameplate ratings of all inverters. | | | | | |
| | Net Metering: If Renewably Fueled, will the account be Net Metered? Yes No | | | | | |
| | Prime Mover: Photovoltaic Reciprocating Engine Fuel Cell Turbine Other | | | | | |
| | Energy Source: Solar Wind Hydro Diesel Natural Gas Fuel Oil Other | | | | | |
| | | | | | | |
| | Inverter-based Generating Facilities: | | | | | |
| | UL 1741 / JEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements) | | | | | |
| V | Yes No O | | | | | |
| | The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power | | | | | |
| | Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This | | | | | |
| | term "Listed" is then marked on the equipment and supporting documentation. <i>Please include, any documentation</i> | | | | | |
| | provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing. | | | | | |
| | | | | | | |
| | External Manual Disconnect Switch: | | | | | |
| | An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For | | | | | |
| | Interconnections For Facilities, Pue 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.' | | | | | |
| | Yes No O | | | | | |
| | Location of External Manual Disconnect Switch: OP SIDE OF BARN BY ELECTRIC METER Project Estimated Install Date: /// 27/15 Project Estimated In-Service Date: /// 27/15 | | | | | |
| | Delate 11/10/15 2000 11/23/16 | | | | | |
| | Project Estimated Install Date: Project Estimated In-Service Date: Project Estimated In-Service Date: | | | | | |
| | International Continuous Continuo | | | | | |
| | Interconnecting Customer Signature: | | | | | |
| | I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the <u>Terms</u> and <u>Conditions for Simplified Process Inferconnections</u> attached hereto: | | | | | |
| | mad Conditions for Samplifica A Speeds state Connections attached ficiety. | | | | | |
| | Customer Signature: Date: 10-23-15 | | | | | |
| Г | Places include a on the first the start of t | | | | | |
| | Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the Eversource meter socket. Applications without such a diagram may be | | | | | |
| 1 | returned. | | | | | |
| L | | | | | | |
| | For Eversource Use Only | | | | | |
| | Approval to Install Facility: | | | | | |
| | | | | | | |
| | Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required. | | | | | |
| | Are system modifications required? Yes No To be Determined | | | | | |
| | 10 be betermined | | | | | |
| | Company Signature: Selected Ulotta Title: Se. ENGINEER Date: 11-5.15 | | | | | |
| | THE: DE ENTINE DATE: 11. 2 13 | | | | | |

Page 2 of 4

Eversource SPIA rev. 03/14

EVERSOURCE INTERCONNECTION STANDARDS FOR INVERTERS SIZED UP TO 100 KVA

Terms and Conditions for Simplified Process Interconnections

| Company waives inspection/Witness Test: | Yes 🗌 | No X |
|---|-------|------|
|---|-------|------|

Date of inspection/Witness Test: PLEASE CONTACT
EVERSOURCE TO SCHEDULE

- Construction of the Facility. The Interconnecting Customer may proceed to construct the Facility in compliance with the specifications of its
 Application once the Approval to Install the Facility has been signed by the Company. Such Approval relates only to the Eversource and Puc
 900 electrical interconnection requirements, and does not convey any permissions or rights associated with permits, code enforcement,
 easements, rights of way, set back, or other physical contrutruction issues.
- 2. Interconnection and operation. The Interconnecting Customer may operate Facility and interconnect with the Company's system once the all of the following has occurred:
 - 2.1. Municipal Inspection. Upon completing construction, the Interconnecting Customer will cause the Facility to be inspected or otherwise certified by the local electrical wiring inspector with jurisdiction.
 - 2.2. Certificate of Completion. The Interconnecting Customer returns the Certificate of Completion to the Agreement to the Company at address noted.
 - 2.3. Company has completed or waived the right to inspection.
- 3. Company Right of Inspection. The Company will make every attempt within ten (10) business days after receipt of the Certificate of Completion, and upon reasonable notice and at a mutually convenient time, conduct an inspection of the Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with the Interconnection Standard. The Company has the right to disconnect the Facility in the event of improper installation or failure to return Certificate of Completion. All projects larger than 10 kVA will be witness tested, unless waived by the Company.
- 4. Safe Operations and Maintenance. The Interconnecting Customer shall be fully responsible to operate, maintain, and repair the Facility.
- 5. Disconnection. The Company may temporarily disconnect the Facility to facilitate planned or emergency Company work.
- 6. Metering and Billing. All renewable Facilities approved under this Agreement that qualify for net metering, as approved by the Commission from time to time, and the following is necessary to implement the net metering provisions:
 - 6.1. Interconnecting Customer Provides: The Interconnecting Customer shall furnish and install, if not already in place, the necessary meter socket and wiring in accordance with accepted electrical standards. In some cases the Interconnecting Customer may be required to install a separate telephone line.
 - 6.2. Company Installs Meter. The Company will make every attempt to furnish and install a meter capable of net metering within ten (10) business days after receipt of the Certificate of Completion if inspection is waived, or within 10 business days after the inspection is completed, if such meter is not already in place.
- 7. Indemnification. Interconnecting Customer and Company shall each indemnify, defend and hold the other, its directors, officers, employees and agents (including, but not limited to, Affiliates and contractors and their employees), harmless from and against all Habilities, damages, losses, penalties, claims, demands, suits and proceedings of any nature whatsoever for personal injury (including death) or property damages to unaffiliated third parties that arise out of, or are in any manner connected with, the performance of this Agreement by that party, except to the extent that such injury or damages to unaffiliated third parties may be attributable to the negligence or willful misconduct of the party seeking indemnification.
- 8. Limitation of Liability. Each party's liability to the other party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either party be liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.
- 9. Termination. This Agreement may be terminated under the following conditions:
 - 9.1. By Mutual Agreement. The Parties agree in writing to terminate the Agreement.
 - 9.2. By Interconnecting Customer. The Interconnecting Customer may terminate this Agreement by providing written notice to Company.
 - 9.3. By Company. The Company may terminate this Agreement (1) if the Facility fails to operate for any consecutive 12 month period, or (2) in the event that the Facility impairs or, in the good faith judgment of the Company, may imminently impair the operation of the electric distribution system or service to other customers or materially impairs the local circuit and the Interconnecting Customer does not cure the impairment.
- 10. Assignment/Transfer of Ownership of the Facility. This Agreement shall survive the transfer of ownership of the Facility to a new owner when the new owner agrees in writing to comply with the terms of this Agreement and so notifies the Company.
- 11. Interconnection Standard. These Terms and Conditions are pursuant to the Company's "Interconnection Standards for Inverters Sized Up to 100 kVA" for the Interconnection of Customer-Owned Generating Facilities, as approved by the Commission and as the same may be amended from time to time ("Interconnection Standard"). All defined terms set forth in these Terms and Conditions are as defined in the Interconnection Standard (see Company's website for the complete document).